

California Department of Forestry & Fire Protection



CDF ENGINE - MODEL 14

USE

CDF moved to the four-wheel drive Model 14 in 1990. At this point, the Department had adopted the 500 gallons per minute, two-stage pump, hydrostatically driven, as an effective system. Field experience had proven this combination to provide flexibility in dealing with the wide variety of fire scene conditions encountered by CDF crews. This design factor facilitated moving the crew inside for safety, without increasing the chassis wheel base. One note, CDF Model 14 and 15 engines are basically the same, with the exception of the chassis, four-wheel drive versus two-wheel drive. CDF has 107 Model 14 engines on the front-lines.

CREW

Seating for five personnel

CAPABILITIES

Booster Tank:	500 gallons
Fire Pump:	Hydrostatic Driven Darley 500, Two-Stage Waterous 500/Two-Stage Class A Foam

MANUFACTURERS

Chassis:	Navistar
Body:	Master Body Works, West-Mark Placer Fire

SPECIFICATIONS

Gross Vehicle Weight:	33,000 lbs.
Engine:	International DT-466 230 HP
Front Axle:	12,000 lbs.
Rear Axle:	21,160 lbs.
Transmission:	Allison MT 643

